

BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineer

Yelahanka Division

B.B.M.P. Bengaluru-64

No:EE/YNK-D/E-PMT/08/2021-22 Dated: 30-08-2021

MODIFIED SCHEDULE-'B'

NAME OF WORK:- "Restoration and Improvements of Balance roads of AMS layout, Venugopal layout, Akashvani layout, Chikkabettahalli Layout, Mahi Layout and Surrounding areas in Ward no -03. of Yelahanka Satellite Town Sub division(PACKAGE NO -04)"

SI	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri GOPIREDDY	
				Rate	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specification and directions of the Engineer in charge.	Sqm	1248.21	112.41	Rupees One Hundred Twelve and Forty One Paise Only
	Above 125%	Sqm	14.07	112.41	Rupees One Hundred Twelve and Forty One Paise Only
2	Providing two line dressing to granite stone slab / granite stone masonry complete as per specification and directions of the Engineer in charge.	Sqm	1248.21	1600.55	Rupees One Thousand Six Hundred and Fifty Five Paise Only
	Above 125%	Sqm	257.22	1600.55	Rupees One Thousand Six Hundred and Fifty Four Paise Only
3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and directions of the Engineer in charge.	Cum	8088.58	217.43	Rupees Two Hundred Seventeen and Forty Three Paise Only

G. S. S.

	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri GOPIREDDY	
				Rate	Amount
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification and directions of the Engineer in charge.	Cum	1342.00	5675.99	Rupees Five Thousand Six Hundred Seventy Five and Ninety Nine Paise Only
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs. With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machine mixed, well compacted for wall and Bottom including centering shuttering, cost of materials, HOM of Machinery, Curing Etc., Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specification and directions of the Engineer in charge.	Cum	2647.71	7497.22	Rupees Seven Thousand Four Hundred Ninety Seven and Twenty Two Paise Only
6	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specification and directions of the Engineer in charge.	tonne	169.61	80948.07	Rupees Eighty Thousand Nine Hundred Forty Eight and Seven Paise Only
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per specification and directions of the Engineer in charge.. (Data Rate)	Sqm	5685.63	1941.22	Rupees One Thousand Nine Hundred Forty One and Twenty Two Paise Only

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Sl	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri GOPIREDDY	
				Rate	Amount
8	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	155.40	4530.86	Rupees Four Thousand Five Hundred Thirty and Eighty Six Paise Only
9	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specification and directions of the Engineer in charge.	Cum	198.84	6089.86	Rupees Six Thousand Eighty Nine and Eighty Six Paise Only
	Above 125%	Cum	62.95	6337.64	Rupees Six Thousand Three Hundred Thirty Seven and Sixty Four Paise Only
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete as per specification and directions of the Engineer in charge.	Nos	18491.00	436.80	Rupees Four Hundred Thirty Six and Eighty Paise Only
11	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification and directions of the Engineer in charge.	Sqm	2912.22	85.65	Rupees Eighty Five and Sixty Five Paise Only
12	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specification and directions of the Engineer in charge.	Cum	4879.06	64.58	Rupees Sixty Four and Fifty Eight Paise Only

Sl	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri GOPIREDDY	
				Rate	Amount
13	Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour, HOM complete as per specification and directions of the Engineer in charge.	Sqm	13940.16	6.42	Rupees Six and Forty Two Paise Only
14	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specification and directions of the Engineer in charge.	Cum	2091.02	2014.87	Rupees Two Thousand Fourteen and Eighty Seven Paise Only
15	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification and directions of the Engineer in charge.	Cum	2788.03	2021.29	Rupees Two Thousand Twenty One and Twenty Nine Paise Only
16	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification and directions of the Engineer in charge.	Sqm	13273.77	34.26	Rupees Thirty Four and Twenty Six Paise Only
17	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and directions of the Engineer in charge.	Cum	663.69	7365.73	Rupees Seven Thousand Three Hundred Sixty Five and Seventy Three Paise Only

SI	Description	unit	Modified Quantity	Rate quoted by the contractor approved rates Sri GOPIREDDY	
				Rate	Amount
18	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specification and directions of the Engineer in charge.	Sqm	13273.77	12.85	Rupees Twelve and Eighty Five Paise Only
19	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and directions of the Engineer in charge.	Cum	530.95	8534.82	Rupees Eight Thousand Five Hundred Thirty Four and Eighty Two Paise Only
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specification and directions of the Engineer in charge.	Sqm	327.02	459.29	Rupees Four Hundred Fifty Nine and Twenty Nine Paise Only
E1	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete. and as per the directions of the Engineer-in-charge of the work .	Sqm	752.94	976.39	Rupees Nine Hundred Seventy Six and Thirty Eight Paise Only

Signature of Contractor

Executive Engineer
Yelahanka Division
BBMP Bangalore